Outside Left

Spine

Outside Right

SAMSUNG

SCH-a220 User Guide



SAMSUNG Telecommunications America (STA), Inc.
1601 E. Plano Parkway, Suite 150
Plano, TX 75074
Toll Free 1-888-987-HELP (4357) FAX 1-972-761-7501
Internet Address: http://www.samsung.ca

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Portable Dual ModeTelephone

SAMSUNG DIGITall
everyone's invited

SCH-A220 Series

Portable Dual Mode Telephone

User's Guide

Please read this manual before operating your phone, and keep it for future reference.

A220_LM_012703

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Samsung Telecommunications America (STA), Inc.

Headquarters:

1130 E. Arapaho Road
Richardson, TX 75081
Tel: 972-761-7000
Fax: 972-761-7001

Customer Care Center:

1601 E. Plano Parkway
Suite 150
Plano, TX 75047
Tel: 888-987-HELP (4357)
Fax: 972-761-7501

Internet Address: **http://www.samsung.ca**

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Chapter 1 - Getting Started

The following topics are discussed in this Chapter:

- Making and Answering a Call
- Setting up Voicemail
- Turning the Phone ON and OFF
- Phone Menu Tree

Making and Answering a Call

Outgoing

To make a call using your keypad:

1. Make sure your phone is on.
2. Enter a phone number. (If you make a mistake while dialing, press CLR to erase one digit at a time. Press and hold CLR to erase the entire number.)
3. Press SEND. (To make calls when you are roaming and Call Guard is enabled, press to acknowledge roaming rates.
4. When you're finished, press END/⏻ or close the flip.

Incoming

1. Make sure your phone is on. If your phone is off, incoming calls go to voicemail.
2. When a call comes in, answer the call by pressing SEND. Depending on your settings, your phone notifies you of incoming calls in the following ways:
   - The phone rings or vibrates.
   - The LED flashes.
   - The backlight illuminates.
   - The screen displays an incoming call message.
   - If available, the phone number of the caller is displayed.
   - If the phone number is in your Internal Phone Book, the Phone Book entry's name is displayed.
   - The image assigned to the entry is displayed.

The following option is also displayed.

-  to Silence Ringer.
- Depending on your settings, you may also answer incoming calls simply by opening the phone or by pressing any digit. (To answer a call when you are roaming and Call Guard is enabled, you must press  to answer the call.)
- To disconnect the call, press  or close the flip.

Setting up Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is in use or turned off. Therefore, you will want to set up your voicemail and personal greeting as soon as your phone is activated.

To set up voicemail:

1. Press and hold  .
2. Follow the system prompts to setup your voicemail.

Powering Your Phone ON and OFF

Turning Your Phone ON

To turn your phone on, press  for a few seconds. Once your phone is ON, it displays “Looking for Service” indicating that your phone is searching for a signal. When your phone finds a signal, it automatically enters Standby mode – the phone’s idle state. At this point, you are ready to begin making and receiving calls.

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. When a signal is found, your phone automatically returns to Standby mode.

In Power Save mode, your phone searches for a signal periodically without your intervention. You can also initiate a

search for service by pressing any key (when your phone is turned ON).

Turning Your Phone OFF

Press  for a few seconds until you see the powering down animation on the display screen.
Your screen remains blank while your phone is off (unless the battery is charging).

Menu Tree

The menu tree is an outline of all the menu's available in your phone. This list is meant to be used as a quick reference to locating a desired menu function.

Menus

1: Call History
- 1: Outgoing Calls
- 2: Incoming Calls
- 3: Missed Calls
- 4: Erase History
  - 1: Outgoing Calls
    - 1: Yes
    - 2: No
  - 2: Incoming Calls
    - 1: Yes
    - 2: No
  - 3: Missed Calls
    - 1: Yes
    - 2: No
  - 4: All Calls
    - 1: Yes
    - 2: No
- 5: Air Time
  - 1: Last Call
  - 2: Total Calls
  - 3: Erase All

- 1: Yes
- 2: No
- 4: Lifetime

2: PhoneBook
- 1: Find
- 2: Add New Entry
- 3: Group Setting
  - 1: Family
    - 1: Rename
    - 2: LED
    - 3: Ringer
  - 2: Friends
    - 1: Rename
    - 2: LED
    - 3: Ringer
  - 3: Colleague
    - 1: Rename
    - 2: LED
    - 3: Ringer
  - 4: VIPs
    - 1: Rename
    - 2: LED
    - 3: Ringer
  - 5: No Group
    - 1: Rename
    - 2: LED
    - 3: Ringer
- 4: My Phone #

3: Wireless Web
- 1: Downloads
  - 1: Get New
  - 2: Manage
    - 1: Ringtones
    - 2: Images
    - 3: Animations
    - 4: Multimedia
- 2: Start Browser

- 3: Web Guard
  - 1: None
  - 2: Both
  - 3: To End
  - 4: To Start
- 4: Connection
  - 1: Voice Call Only
  - 2: Fax One Time
  - 3: Fax Only
  - 4: Data One Time
  - 5: Data Only

4: Message

- 1: New Message
- 2: Inbox
  - 1: Voice
  - 2: Text
  - 3: Web
- 3: Outbox
  - 1: Sent
  - 2: Stored
- 4: Delivery
- 5: MSG Setup
  - 1: General
    - 1: Scroll Timer
      - 1: Off
      - 2: 1 second
      - 3: 2 seconds
      - 4: 3 seconds
      - 5: 4 seconds
      - 6: 5 seconds
    - 2: Msg. Remind
      - 1: Off
      - 2: Once
      - 3: Every 2 min
  - 2: New Message
    - 1: Call Back #
    - 2: Autosave

1: On
2: Off
3: Entry Method
1: T9 Word
2: Alphabet
4: Delivery ACK
1: Yes
2: No
5: Canned Msg
1: Yes
2: No
3: Call Me
4: Need Directions
5: Where are you?
6: Will call later
7: Busy
8: On my way
9: Will arrive in 15 minutes
10: Thank you
3: Erase
1: Clear VM Count
1: Yes
2: No
2: Received
1: Page/Text
1: Yes
2: No
2: Web Alerts
1: Yes
2: No
3: Sent
1: Yes
2: No
4: Stored
1: Yes
2: No
5: All

- 1: Yes
- 2: No

5: Voice Dial
- 1: Record
- 2: Review
- 3: Erase All
- 4: Set Active
  - 1: # key only
  - 2: # key/Open

6: Tools
- 1: Today
- 2: Scheduler
- 3: Task List
- 4: Memo Pad
- 5: Alarm
  - 1: Alarm 1
  - 2: Alarm 2
  - 3: Alarm 3
- 6: Calculator
- 7: World Time
- 8: Countdown
- 9: Set Time

7: Setup
- 1: Display
  - 1: Menu Style
    - 1: Nature
    - 2: Camera
  - 2: Wallpaper
    - 1: Local Image
      - 1: Aquarium
      - 2: Snowing
      - 3: Flower
      - 4: Digital Clock
      - 5: Launch Pad
    - 2: Downloaded
  - 3: Banner
  - 4: Auto Hyphen

- 1: On
- 2: Off

5: Backlight
- 1: Open
- 2: 30 seconds
- 3: 8 seconds
- 4: Off

6: Service LED
- 1: On
- 2: Off

7: Contrast

8: Version

2: Sounds

1: Ringer Volume

1: Calls
- 1: Off
- 2: Vibrate
- 3: 1-Beep
- 4: Level 1 - 8
- 5: High+Vibrate

2: Messages
- 1: Off
- 2: Vibrate
- 3: 1-Beep
- 4: Level 1 - 8
- 5: High+Vibrate

3: Alarm
- 1: Off
- 2: Vibrate
- 3: 1-Beep
- 4: Level 1 - 8
- 5: High+Vibrate

2: Ringer Type

1: Voice Calls
- 1: With Caller ID
- 2: No Caller ID

2: Messages

- 1: Voicemail
- 2: Text
- 3: Web Alert

3: Data/Fax In
4: Schedule

3: Alerts
1: Minute Beep
1: On
2: Off
2: Service
1: On
2: Off
3: Connect
1: On
2: Off
4: Disconnect
1: On
2: Off
4: Roam Ringer
1: Normal
2: Distinctive
5: Key Beep
1: Off
2: Level 1-8
6: Tone Length
1: Long
2: Short
7: Power on/off
1: On
2: Off

3: Network
1: Set Mode
1: Automatic
2: Home Only
2: Set NAM
1: NAM 1
2: NAM 2

- 3: Call Guard
  - 1: Yes
  - 2: No
- 4: Security
  - 1: Lock Phone
    - 1: Unlocked
    - 2: On Power-Up
    - 3: Lock Now
  - 2: Restriction
    - 1: Restrict All
    - 2: PBook only
    - 3: Special #s
    - 4: Off
  - 3: Change Lock
  - 4: Special #s
    - 1: 911
    - 2: *911
    - 3: #911
  - 5: Erase Pbook
    - 1: YES
    - 2: NO
  - 6: Reset Phone
    - 1: YES
    - 2: NO
- 5: Others
  - 1: Launch Pad
    - 1: Up Key
      - 1: PBookSearch
      - 2: VoiceDial
      - 3: Calculator
      - 4: Scheduler
      - 5: RingerType
      - 6: Worldtime
      - 7: Display
      - 8: Alarm
    - 2: Down Key
      - 1: PBookSearch

2: VoiceDial
3: Calculator
4: Scheduler
5: RingerType
6: Worldtime
7: Display
8: Alarm
3: Right Key
1: PBookSearch
2: VoiceDial
3: Calculator
4: Scheduler
5: RingerType
6: Worldtime
7: Display
8: Alarm
4: Left Key
1: PBookSearch
2: VoiceDial
3: Calculator
4: Scheduler
5: RingerType
6: Worldtime
7: Display
8: Alarm
2: Answer Mode
1: Any Key
2: Flip Open
3: Send Key
3: Auto Answer
1: Car Kit Only - No
2: Car Kit Only - Yes
4: Language
1: English
2: Français

8: Games
1: Push Push

In-Use Menu

1: Mute
2: Calls
3: PhoneBook
4: 3-Way Call
5: Messages
6: Tools
7: Version

Chapter 2 - Getting to Know Your Phone

The following topics are discussed in this Chapter:

- Your Consumer Package
- Front View of the A220
- Features of the A220

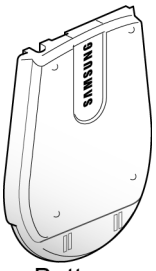
Your Consumer Package

Your consumer package contains the following items:

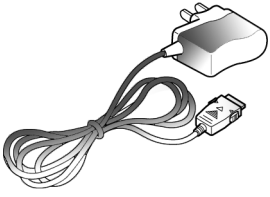
- Samsung SCH-A220 phone
- 2 Samsung Standard Li-Ion battery
- Samsung Travel Adaptor
- Samsung Desktop Holder
- Leather Case
- Ear Piece
- Ring Strap
- User guide



Handset



Battery



Travel Adapter



Ring Strap

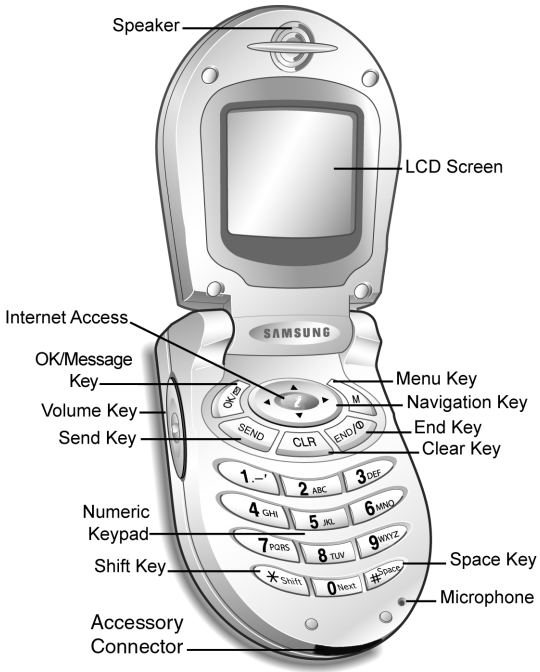


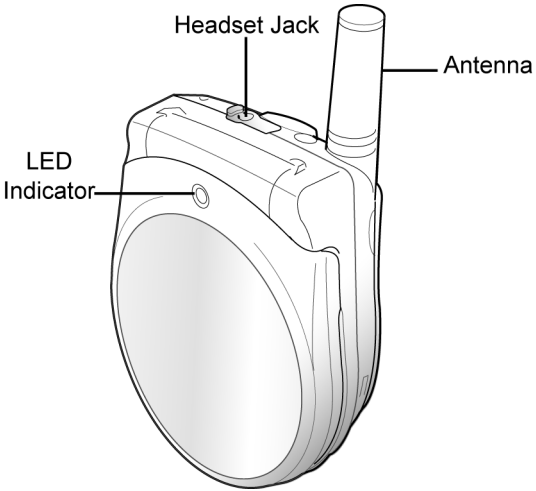
Desktop Holder



Ear Piece

Front view of the SCH-A220





Key Functions

Key	Functions
	Displays the first level or Main Menu of options. Press  again to view the next menu page.
	The OK/Message key allows you to save or select the desired menu function. It also launches the Message menu when in standby mode.

	This key allows you to scroll through the phone menu options, and provides a shortcut to phone functions from Standby Mode.
	Enters the Mobile Web menu. Launches the web browser when you press for a few seconds.
	The Send key answers an incoming call. In standby mode, it launches the Outgoing call log.
	Ends a call. Press and hold this key for a few seconds to turn your phone On or Off. While in the main menu, it returns the phone to standby mode and cancels your input.
	Deletes characters from the display. When in a menu, press to return to the previous menu. This key also allows you to return to the previous screen in the PCS Wireless Web browser.
	The Numeric keypad allows you to enter numbers, letters, and characters. You can also navigate through the menu by pressing the number that corresponds to the menu item.
	If you press and hold for a few seconds in standby mode, the phone is automatically set to Silent mode.

	Enters the pound [#] character for calling features. In text entry mode, press to enter a space. If you press and hold for a few seconds, voice dial is launched.
	Allows you to adjust the ringer volume in standby mode (with the flip open) or adjust the voice volume during a call. They can also be used to scroll up or down to navigate through the different menu options. To mute the ringer during an incoming call, press the Volume Key up or down.

Viewing the Display Screen

The Main LCD screen displays the following symbols:

Icon	Description
	Displays your current signal strength.The more lines you have, the stronger your signal.
	Indicates that a call is in progress.
	Indicates that your phone cannot find a signal.

	Indicates that an alarm is set on your phone.
	Indicates you have voicemail, text, numeric pages, or web alert messages waiting. Press  briefly to see a list of pending messages or press and hold to dial voicemail box.
	Indicates your phone is in vibrate mode.
	Indicates that your phone is roaming. This icon is displayed when you travel outside of your normal coverage area.
	Indicates your phone is in digital mode.
	Displays your current battery charge strength. (Icon shown fully charged.)
	Indicates that the ringer has been turned On.

Features of your A220

Congratulations on the purchase of you new phone. The A220 is lightweight, compact, and offers many exciting new features.

- 1X Voice and Data
- 16 Polyphonic Ringers
- 65K Color LCD Display
- Wireless Internet Access
- Voice Dialing

Chapter 3 - Battery & Charging Devices

The following topics are discussed in this Chapter:

- Battery Installation
- Charging the Battery

Battery Installation

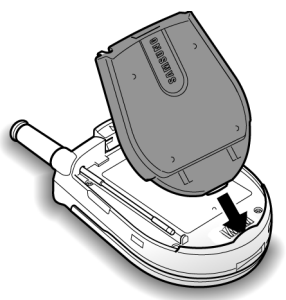
Your PCS Phone is equipped with a Lithium Ion (LiIon) battery. It allows you to recharge your battery before it is fully drained. The battery provides approximately 2 hours of continuous digital talk time and 140 hours of continuous digital standby time.

When the battery reaches 5% of its capacity, the battery icon blinks. When there are approximately two minutes of talk time left, the phone sounds an audible alert every 30 seconds and then powers down.

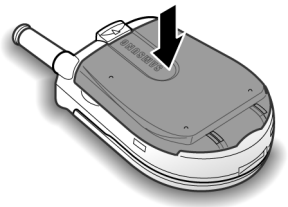
Note: Long backlight settings, searching for service, vibrate mode and browser use affect the battery's talk and standby times.

To attach the battery to your phone:

1. Position the battery into the slot on the back of the phone.



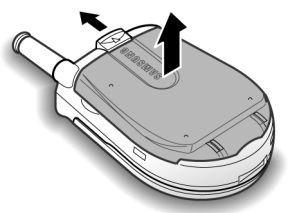
2. Gently push the top end of the battery down until you hear it snap in place.



Removing the battery

To remove the battery from your phone:

1. Turn the phone off by pressing and holding END/⏻.
2. Push the battery release latch up and pull the battery away from the latch.
3. Lift the battery away from the phone.



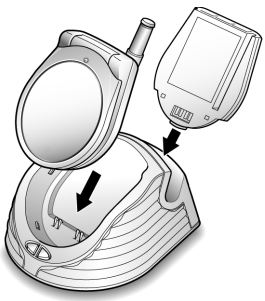
Charging the battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved travel adaptors and batteries. These adaptors are designed to maximize battery life. Using other adaptors may void your warranty and cause damage to your phone.

When the phone has finished charging it can be disconnected.

Desktop Charger

The desktop charger allows you to charge the phone by placing it into the charger. You can also insert an extra battery in the rear slot of the charger.



Travel Adapter

Use the power adapter/interface connector located on the bottom of the phone to connect a wireless data device or a hands-free car kit (both sold separately).

Using the Travel Adapter

The travel adaptor allows you to charge your phone's battery from any standard AC wall outlet. You can still make phone calls while the battery is charging.

Follow these steps to use you travel adapter:

1. With the battery installed, attach the cord from the travel adaptor by plugging it into the bottom of the phone.

2. Connect the adaptor to a standard AC wall outlet. The LED (located at the top of your phone) indicates that the phone is charging by turning red.
3. The following LED colors indicate the charging status of the battery:
   - Red indicates that the battery is charging.
   - Green indicates that the battery is fully charged.

Note: The battery charges faster when the phone is turned off.

Battery Indicator

You can tell whether or not your battery needs to be recharged by checking the battery indicator (this icon is located in the upper-right corner of the display screen). The presence of all three bars indicate a full charge. No bars (the battery icon is empty) means your battery must be charged.

Two or three minutes before the battery charge level gets too low to operate the phone, the battery icon begins blinking an empty battery icon ( ), and sounds a tone. If you continue to operate the phone without charging the battery, the phone will automatically turn off and the call is terminated. If a charging device is connected before the battery is fully discharged, you can continue your call.

Chapter 4 - Using Your Phone

The following topics are discussed in this Chapter:

- Phone Modes
- Call Functions
- Emergency Dialing
- Speed Dialing
- Pause Dialing

Phone Modes

Your phone has several different modes of operation that allow you to easily use your phone's many new features. The following modes are discussed in this chapter:

- Standby Mode
- Talk Mode
- Power Save Mode
- Lock Mode

Standby Mode

Standby or idle mode is the mode that your phone is in when you are not on a call or when the phone is not is use, but powered ON. A screen saver or other display screen may be displayed while you are in standby mode. Press  in any menu to return to standby mode.

Talk Mode

When you make a call, the phone is in talk mode. Several options are available while you are connected to another party. These options are accessed using the In-Use Menu.

Power Save Mode

Your phone has a power saving mode that reduces the amount of battery power used during certain situations. This feature is automatically activated after 15 minutes of searching. Once the power save mode is enabled, a message is displayed on the screen. The signal search is performed periodically to conserve battery power. To manually force the phone to check for a signal, press any of the numeric or function keys.

Lock Mode

When you lock your phone using the Lock Mode menu option, an access code is required to use the phone. You can receive messages and calls, but you cannot make an outgoing call until your phone is unlocked. For more information on locking your phone, see “Lock Phone” on page 121.

Auto LCD Off

The LCD is automatically turned off after a one minute of inactivity to conserve the battery.

Step Ringer

This feature is provided to prevent the ringer from being too loud on the initial ring. When your phone rings, the lowest level of the ringer volume is heard. The ringer gradually increases to the set ringer level.

Note: Your flip must be open for this feature to work.

Call Functions

It may become necessary to dial emergency numbers, re-dial a previous phone number, or use special dialing instructions when trying to connect to an automated service. The following call functions are available with your phone:

- Emergency Numbers
- Speed Dialing
- Special Dialing Instructions
- Call Logs
- Airtime

Emergency Numbers

Emergency numbers can be programmed into your phone using the Special #s menu. Up to three numbers can be entered and saved. These three numbers can be dialed even when the phone is locked or all outgoing calls are restricted.

To Setup Emergency Numbers:

1. Press  .
2. Press  for **Setup**.
3. Press  for **Security** and enter your lock code.
4. Press  for **Special #s**.
5. Press  ,  , or  to select the desired entry.

6. Press and hold  to erase any numbers.
7. Enter the desired number and press  to save.

To Call an Emergency Number:

1. Enter the emergency number using the numeric keypad.
2. Press  .

Speed Dialing

Speed dial entries are used by pressing one, two, or three keys. When a new entry is saved in the phonebook, a speed dial number is automatically assigned. This number can be used to dial the entry without having to access the phone book or by dialing the phone number.

To Speed Dial locations 1-9:

1. Press and hold the appropriate key for a few seconds. The display confirms that the number has been dialed when it shows “Calling”.

To Speed Dial locations 10-99:

1. Press the first digit.
2. Press and hold the second digit for a few seconds. The display confirms that the number has been dialed when it shows “Calling”.

To Speed Dial locations 100-500:

1. Press the first digit.
2. Press the second digit.

3. Press and hold the third digit for a few seconds. The display confirms that the number has been dialed when it shows “Calling”.

Dialing Options

If you dial an automated banking system or a number that requires you to enter a password, pauses can be used to simulate wait times before the information is required. By following the pauses with numbers, you are effectively setting up your phone to dial an automated system without having to enter the numbers manually. Pause and other dialing options are displayed when you enter numbers using the keypad.

The following options are displayed when you are entering a number using the keypad:

- **Send** - This option dials the number on the screen.
- **Save** - This option saves the number to the phonebook.
- **Find** -Find helps locate a desired phonebook entry.
- **Hard Pause** - is used to insert a hard pause.
- **2sec Pause** - to insert a 2-second pause.

InUse Menu

During a call, you can access the InUse menu to assist you. The InUse menu has the following options:

- **Mute** - Allows you to mute the microphone so that the caller cannot hear you.

- **Calls** - Allows you to view the call log history for Incoming, Outgoing, and missed calls.
- **PhoneBook** - Allows you to access the phonebook.
- **3-Way Call** - Allows you to make a three-way call. With this option, you can speak to two different callers at the same time.
- **Messages** - Allows you to access the Message menu.
- **Tools** - Allows you to access the Tools menu.
- **Version** - Displays the hardware and software version of your phone.

Prepending a Number

Prepending allows you to add additional digits to a number already stored in the call log or address book. This may be helpful when adding codes to connect to an automated network or adding a area code.

To add numbers:

1. Select the desired number in the call log or your address book.
2. With the entry displayed on the screen, press  .
3. Press  for **Prepend**.
4. Enter the area code or desired numbers using the numeric keypad.
5. Press  to dial.

Redialing Last Call

To dial the last outgoing call, press  twice. Your phone stores the last 10 numbers in the outgoing call log. To recall any of the numbers:

1. Press  from standby mode to display the outgoing call log.
2. Press the navigation key left or right to cycle through the numbers.
3. When you find the desired entry, press  to dial.

Call Logs

There are three different call logs saved in your phone. They are:

- Missed Calls
- Incoming Calls
- Outgoing Calls

Each call log saves up to 10 entries with the call duration. Once the limit is reached, the oldest entry is overwritten. These logs can also be erased at any time.

Missed Calls

When a call is not answered, a missed call icon is displayed on the screen and a new entry is written to the missed call log. A total of 10 missed calls are saved. To access the missed call log:

1. Press  .
2. Press  for **Call History**.

3. Press 3 DEF for **Missed Calls**.

Note: You can also access this menu by pressing SEND in Standby mode.

Incoming Calls

When a call is answered, an entry is saved in the incoming call log. The entry contains the caller information (if available), time, and duration of the call. A total of 10 incoming calls are saved. Contact your service provider to activate the Caller Line Identification service. To access the incoming call log:

1. Press M.
2. Press 1 for **Call History**.
3. Press 2 ABC for **Incoming Calls**.

Outgoing Calls

When you make an outgoing call, the number dialed and name (if saved in the phonebook) are saved to the outgoing call log. A total of 10 outgoing calls are saved. To access the outgoing call log:

1. Press M.
2. Press 1 for **Call History**.
3. Press 1 for **Outgoing Calls**.

Erasing Call History

This option allows you to delete the entries stored in each of the call logs, or to erase all entries.

To erase the entries:

1. Press  .
2. Press  for **Call History**.
3. Press  for **Erase History**.
4. Press:
    -  for **Outgoing Calls**.
    -  for **Incoming Calls**.
    - for **Missed Calls**.
    -  for **All Calls**.
5. Press  to confirm the deletion.

Call Log Menu Options

When you are viewing the call log entries, the following options are available by pressing .

- Send - Dials the selected number from the call log.
- Save - Allows you to save the selected number by creating a new phone book entry.
- Prepend - Allows you to prepend the number with a series of digits.

Airtime

This option displays the number of calls to or from your phone number with the airtime used for each call. The airtime can be reset or erase at anytime. This feature is helpful in estimating the total amount of phone usage.

Note: This feature is not intended for billing purposes.

The following options are available:

- **Last Call** - Displays the amount of call time from the last call made.
- **Total Calls** - Displays the number of calls and total duration of all calls made since the last Erase Total.
- **Erase All** - Erases the Total airtime measurement and resets the calls to zero.
- **Lifetime** - Displays the total duration of all calls made since the phone was shipped from the factory.

To access airtime:

rase the entries:

1. Press  .
2. Press  for **Call History**.
3. Press  for **Airtime**.

Chapter 5 - PhoneBook

The following topics are discussed in this Chapter:

- PhoneBook
- Character Input
- Adding a New Entry
- Adding Additional Entries

PhoneBook

The phonebook allows you to store frequently used phone numbers. You can save up to 500 total numbers, with each entry containing up to six different numbers. Each number in the entry can have a unique group associated with it, such as office, home, mobile, pager, fax, or no label.

Internal Phonebook Options

The following options are available when you display a phonebook entry.

- Send - This option calls the number.
- Edit - Allows you to modify the entry information.
- Prepend - Allows you to add additional numbers before the main number saved in the entry.
- Erase - Deletes the number from the entry if there is more than one, or the entire entry if only one number is associated.
- Send MSG - Allows you to send a text or Short Message (SMS) to the other user's number.

Note: For the Send MSG feature to work correctly, the other user must have text messaging capability enabled on their phone.

Finding a number

To locate a number in the phonebook, you can use the find feature. To find a number:

1. Press  .

2. Press 2 ABC for **PhoneBook**.
3. Press 1 – for **Find**.
4. Press the navigation key left or right to display the following find options:
   - **By Name** - Allows you to search using the first few letters of the entry's name.
   - **By Entry** - Allows you to search using the entry location number.
   - **By Group** - Allows you to search using the group associated with the entry.
5. Enter the first letter or number of the entry your looking for using the numeric keypad.

Note: If searching by group, use the navigation key to cycle through the different entries. For a more detailed find, use By Name or By Number.

6. The first entry that contains the information entered is displayed. Use the navigation key or enter additional information to find the desired entry.
7. When the entry is located, press OK to view.

Note: You can also access Find by pressing the navigation key down when the phone is in standby mode.

Character Input

When you enter information into the phonebook using the numeric keypad, you have several different character input options. They are:

- T9 (English) - T9 uses technology to automatically create the word you are trying to enter based on the possible matches containing the letters entered. To cycle through the different choices, press 0 Next.
- Alpha - This method allows you to enter letters using the keypad. The available letters are displayed when you press the key multiple times.
- Symbol - These are extended characters or symbols.
- Number - Allows you to enter only numbers using the keypad.
- .com - This option is only displayed when you are entering an email or URL address. It automatically enters ".com" in the entry.
- .net - This option is only displayed when you are entering an email or URL address. It automatically enters ".net" in the entry.

Using T9 (English)

T9 allows you to enter the desired word using the keypad, without taking the time to make sure you select the proper letter sequence. T9 gives you a word based on the possible combinations of letters. Once the correct amount of letters are entered for the word, it should be displayed on the screen. If not, press 0 Next to cycle through the possible choices.To accept a word, press # Space. If you make a mistake, press CLR to erase a single character. Press and hold to delete the entire series of characters.

Entering Alpha Characters

The alpha character input allows you to enter letters that correspond with the keypad. By default, the first letter of the word is capitalized followed by lowercase letters. After a character is entered, the cursor advances to the next space after a few seconds or when a different key is pressed. The following characters are displayed:

Key	Output
	. , - ? ! ’ @ : 1
	A B C 2
	D E F 3
	G H I 4
	J K L 5
	M N O 6
	P Q R S 7
	T U V 8
	W X Y Z 9

0 Next	0
# Space	Space
* Shift	Shift

Note: If you press and hold a key for a few seconds, it will automatically display the number.

Symbols

To enter a symbol, select the symbol mode and press the key that corresponds with the symbol displayed on the screen. Press the navigation key left or right to display additional symbols.

Adding a New Entry

To add a new entry:

1. Enter a phone number using the keypad.
2. Press M.
3. Press 2 ABC for **Save**.

Note: If you enter less than five numbers, press 3 DEF to save the entry.

4. *Press OK to enter a new name or scroll through the phone book to select an existing name. Press OK to add the additional number to the selected entry.
5. Select a label by highlighting Home, Office, Mobile, Pager, Fax or No Label and press OK.

6. Enter a name for entry using the numeric keys. Press  to change the entry method between T9, Alpha, Symbol, and Number.
7. When finished entering the name, press  to return to the phone book entry.
8. Press  to save.
9. Press  to confirm.

*** :** This step is not necessary on the very first entry saved into the phone. Skip to the next step if you are entering the first entry in the phone book.

Adding an Additional Phone Number

To add an additional phone number to an existing phonebook entry:

1. Press  .
2. Press  for **PhoneBook**.
3. Press  for **Find**.
4. Select the desired entry and press  .
5. Press   for **Edit**.
6. Press the navigation key down until the desired label is selected and press  to edit.
7. Enter the phone number using the keypad and press  .
8. Press  to **Save**.
9. Press  again to **Confirm**.

Editing an Existing Phone Number

To edit an existing phone number stored in the phonebook:

1. Press M.
2. Press 2 ABC for **PhoneBook**.
3. Press 1 for **Find**.
4. Select the desired entry and press OK/ID.
5. Press M 2 ABC to edit the entry.
6. Press the navigation key down until the desired phone number is selected and press M to edit.
7. Press and hold CLR to erase the entire number or press once to erase just the last number.
8. Enter the new number using the keypad and press OK/ID.
9. Press OK/ID to **Save**.
10. Press OK/ID again to **Confirm**.

Saving Phone Numbers with Pause Entries

If you would like to save a phone number in the phonebook that contains pauses:

1. Enter the phone number using the keypad.
2. Press M and press 4 GHI for **Hard Pause** or 5 JKL for **2sec Pause**.
3. Press OK/ID.
4. Press OK/ID to enter a new name.
5. Select the desired label and press OK/ID.

6. Enter the name using the keypad.
7. Press  to **Save**.
8. Press  to **Confirm**.

Making a Call from the PhoneBook

To make a call from the phonebook:

1. Press  .
2. Press  for **PhoneBook**.
3. Press  for **Find**.
4. Select the desired entry and press  .

Selecting a Ring Tone

A ring tone can be assigned to a phonebook entry to easily identify the caller. To select the ring tone:

1. Press  .
2. Press  for **PhoneBook**.
3. Press  for **Find**.
4. Select the desired entry and press  .
5. Press   to edit the entry.
6. Press the navigation key down until Ringer is selected.
7. Press  .
8. Press the navigation key to the right and highlight the desired Ringer Category.
9. Press the navigation key down.

10. Press the navigation key to the left or right to highlight and listen to the desired Ringer and press  .
11. Press  to **Save**.
12. Press  to **Confirm**

Secret PhoneBook Entries

Phonebook entries can be saved as Secret. Once secret, the entry will display the name, but the phone number is not displayed. Instead of the phone number, the word “Secret” is displayed on the screen. A lock code is required to edit the entry. To make an entry secret:

1. Press  .
2. Press  for **PhoneBook**.
3. Press  for **Find**.
4. Select the desired entry and press  .
5. Press   to edit the entry.
6. Press the navigation key down until **Secret** is selected.
7. Press the navigation key left or right until **On** is displayed in the Secret field and press  to **Save**.
8. Press  again to **Confirm**.

Turning Off Secret Entry

1. Press  .
2. Press  for **PhoneBook**.
3. Press  for **Find**.
4. Select the desired entry and press  .
5. Press   to edit the entry.
6. Enter the lock code.
7. Press the navigation key down until **Secret** is selected.
8. Press the navigation key left or right until **Off** is displayed in the Secret field and press  to **Save**.
9. Press  again to **Confirm**.

Chapter 6 - Operating Features

The following topics are discussed in this Chapter:

- Common Voice Functions
- Three-Way Calling
- Call Waiting
- Call Forwarding
- Caller ID

Common Voice Functions

Voice Dialing

The voice dialing feature allows you to speak a name to dial a number in your phonebook. Voice dial requires that you train the phone to recognize your voice by going through the voice dial menu.

Recording Voice Dial Entries

The first step in getting the Voice Dial feature correctly set up is to record a name to associate with a number. The name should be simple and not contain several words. Speak in your normal voice when trying to record the name. To record the name and setup the entry:

1. Press  .
2. Press  for **Voice Dial**.
3. Press for **Record**.
4. Say the name of the entry.
5. Say the name to confirm the entry.
6. Enter a phone number using the keypad to associate with the name and press  .

Activating Voice Dial

To use voice dial, you need to designate what activates the voice prompt. To set up the activate options:

1. Press  .

2. Press 5 JKL for **Voice Dial**.
3. Press 4 GHI for **Set Active**.
4. Select between the following options:
   - # key only - When the phone is in standby, press and hold # Space to activate the voice prompt.
   - # key/Open -When this option is selected, open the flip or press and hold # Space.

Reviewing Voice Dial Entries

You can view the entries that are already save in the phone. To view the save voice dial entries:

1. Press M.
2. Press 5 JKL for **Voice Dial**.
3. Press 2 ABC for **Review**.
4. Highlight the desired entry and press OK.
5. The name recorded is played and the number associated is displayed.
6. Press CLR to exit.

Deleting a Voice Dial Entry

If you want to delete an entry:

1. Press M.
2. Press 5 JKL for **Voice Dial**.
3. Press 2 ABC for **Review**.
4. Highlight the desired entry and press OK.

5. The name recorded is played and the number associated is displayed.
6. Press  to **Erase**.
7. Press  to exit.

Deleting All Voice Dial Entries

To delete all voice dial entries:

1. Press  .
2. Press  for **Voice Dial**.
3. Press  for **Erase All**.
4. Press  to **Erase**.

Call Features

Your phone is equipped with several calling features that allow you to perform everyday call functions easier. The functions covered in this section are:

- Three-way Calling
- Call Waiting
- Call Forwarding
- Caller ID

Three-Way Calling

Three-way calling allows you to talk to two different people at the same time. When using this feature, normal airtime rates are charged for each call. When the call is finished, each of the callers is recorded in the outgoing call log. To activate three-way calling, please contact your service provider.

Placing a Three-way Call

1. Enter the first number and press 

.
2. Once connected, press 

for **Three-Way Call**.
3. Enter the second number and press 

.
4. Once the second caller is connected, press 

again to connect all three parties together.

Note: If one caller hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

Call Waiting

Call waiting allows you to answer a second call during a conversation. Your phone notifies you of another call by beeping and displaying “Incoming Call”. Call waiting can be activated or deactivated. To have an undisturbed conversation, make sure call waiting is deactivated. Please contact your service provider to activate the call waiting service.

Answering Call Waiting

1. When the phone beeps and displays the “Incoming Call” message, press 

. The incoming call is answered and the first caller is placed on hold.
2. Press 

again to switch back to the first caller.

Call Forwarding

Call forwarding allows you to forward your calls to another phone number, even if your phone is powered OFF. You can continue to make calls from your phone, even though it is forwarded to another number. To activate call forwarding, please contact your service provider.

Caller ID

Caller ID displays the name and number of the person calling if they are saved in the phonebook, or just the number if available on the LCD screen. If the number is blocked or unlisted, a message is displayed on your phone. To activate the caller ID service, please contact your service provider.

Chapter 7 - Messaging

The following topics are discussed in this Chapter:

- Message Types
- Voicemail
- Text Messaging

Message Types

Your phone can send and receive the following types of messages:

- Voicemails
- Text
- Numeric Pages
- Web

Messages are received even if the phone is Off or locked. When a new message is received, a notification is displayed and a ringer is sounded. A message icon is also displayed on the top of the screen until the new message is listened to or read. If a message is received during a call, the ringer notification is muted to avoid disturbing the call.

The Message menu can be accessed quickly by pressing  in Standby mode.

Voicemail

If a new voicemail is received, a notification screen is displayed asking you to review the new message. If multiple new voicemail messages are received, the last one received is displayed in the notification screen. The notification includes:

- Time/Date Information.
- Number of new Voicemails.
- Callback number (if available).

Connecting to the Voicemail System

To connect to voicemail:

1. Press and hold  .

Text Messaging

The A220 allows you to create and send text messages with up to 150 characters. Text messaging, also known as SMS (Short Message Service) allows short text messages to be received and displayed on your phone. 2-Way Text Messaging, also known as MO-SMS (Mobile-Originated Short Message Service,) allows messages to be sent from the phone. Messages can also be sent to a phone using the carrier's web site. Messages can be sent from one phone to another by addressing the message to the recipient's phone number.

Creating a New Message

1. Press M.
2. Press 4 GHI for **Message**.
3. Press 1 for **New Message**.
4. Enter the phone number of the message recipient and press OK.

Note: To access a phone number from the phonebook, press M 1.

5. Enter message using the keypad. When finished, press OK.

Note: To change the character entry mode, press M.

6. The Message Action screen is displayed with the following options.

   - SEND - Press SEND to send the message.

- OK - Press  to store the message in the Outbox.
- CLR - Press  to edit the message.
- END - Press  to discard and quit the message menu.

Message Options

When sending a SMS message, there are several options available. These options determine how the message is sent. The available options are:

- Priority - The priority level determines the message priority. The available options are Normal and Urgent.
- Validity - Validity determines the length of time a message is stored in the message center and delivery attempts are continued before it expires and is no longer sent. Your options are Always, 30 min, 1 hour, 2 hours, 12 hours, 1 day, 2 days, and 3 days.
- Delivery Time - This option allows you to specify a wait time before sending the message. The available options are Now, 30 min, 1 hour, 2 hours, 12 hours, 1 day, 2 days, and 3 days.
- Delivery Acknowledgement - This option allows you to request a delivery acknowledgment that the message was received by the recipient. The available options are No request and Request Ack.
- Sent Save/No Save - This option allows you to save a copy of a message to the sent folder in the outbox after you send a new message. The available options are No save and Save outbox.

To access the message options:

1. Press  .
2. Press  for **Message**.
3. Press  for **New Message**.
4. Enter the phone number of the message recipient and press  .
5. Enter message using the keypad. When finished, press  .
6. The message action screen is displayed, press  to return to the message.
7. Press the navigation key up to highlight the Options and press  .

Canned Messages

Canned messages are default text messages that can be used quickly to send common text (SMS) messages without having to type the message. A total of 10 canned messages can be saved.

Using Canned Messages

1. Press  .
2. Press  for **Message**.
3. Press  for **New Message**.
4. Enter the phone number of the message recipient and press  .
5. Press  for **Canned**.
6. Use the navigation button to highlight the desired message and press  .

Editing Canned Messages

1. Press M.
2. Press 4 GHI for **Message**.
3. Press 5 JKL for **MSG Setup**.
4. Press 2 ABC for **New Message**.
5. Press 5 JKL for **Canned Msg**.
6. Use the navigation key to highlight the desired canned message to edit.
7. Press M for **Edit**.
8. Press and hold CLR to delete the entire message, or press and release for one character at a time.
9. Enter the new message and press OK to save.

Inbox

Your phone can save up to 94 messages or 15KB total for the Inbox/Outbox combined. The number of messages that are stored, depends on the length of the message. If the memory is full, a warning message is displayed and new messages are rejected. Older messages can be deleted to free up space for the incoming messages. To access the Inbox:

1. Press M.
2. Press 4 GHI for **Message**.
3. Press 2 ABC for **Inbox**.
4. Press:

-  - for Voice
-  - for Text
-  - for Web

Inbox Menu Options

The following menu options are available when you access a message in the Inbox:

- Call back - Dials the call back number.
- Reply - Allows you to send a reply to the message sender.
- Forward - Allows you to forward the message to another person.
- Save Addr -Allows you to save the senders phone number in the phonebook.
- Erase - Deletes the message.
- Save cb# - Allows you to save the callback number of the message.

Outbox

Your phone can save up to 94 messages or 15KB total for the Inbox/Outbox combined. The number of messages that are stored, depends on the length of the message. If the memory is full, a warning message is displayed and new messages are rejected.
Once the message is sent, a copy is placed in the outbox in the Sent folder. Saved messages are also stored in the outbox in the Stored folder. Messages can be re-sent anytime by accessing these folders in the outbox.

Sent Folder

The Sent folder keeps a record of all the messages sent from your phone. When you access the sent folder, icons next to the message indicate their status.

Note: If the No Save option was not set up in the Save Message setting in the MSG Setup screen, then you can review, resend, or delete any message saved in the Sent folder.

These icons are:

- ✉ - Indicates that the message was sent successfully.
- ✉ - Indicates that the message failed to send.

To review a message:

1. Press M.
2. Press 4 GHI for **Message**.
3. Press 3 DEF for **Outbox**.
4. Press 1 for **Sent**.
5. Press the navigation key down to cycle through the messages. Press OK to view the message.
6. With the message displayed, press M for the following options:
   - Call - Dials the phone number.
   - Re-Send - Allows you to re-send the message again, or to someone else.
   - Save Addr - Allows you to save the number or email address in your phone book.

- Erase - Deletes the message.

Stored Folder

The stored folder contains all the messages that were not completed and saved to send at a later time. These messages are accessed from the stored folder in the Outbox. To access the stored folder:

1. Press  .
2. Press  for **Message**.
3. Press  for **Outbox**.
4. Press  for **Stored**.
5. Press the navigation key down to cycle through the messages. Press  to view the message.
6. With the message displayed, press  for the following options:
   - Call - Dials the phone number.
   - Re-Send - Allows you to re-send the message again, or to someone else.
   - Save Addr - Allows you to save the number or email address in your phone book.
   - Erase - Deletes the message.

Message Ringer

A distinct ringer can be associated with an incoming messages to alert you that a new voicemail, SMS, or web message has arrived. Each type of message can have a different ringer associated. To set up the desired ringer:

1. Press  .
2. Press  for **Setup**.
3. Press  for **Sounds**.
4. Press  for **Ringer Type**.
5. Press  for **Messages**.
6. Press:
   -  - for Voicemail
   -  - for Text
   -  - for Web Alert
7. Select the desired ringer using the navigation key and press  to save.

Message Setup

Message setup allows you to configure how a message is sent or received from your phone. The following message setup options are available:

- General
- New Message
- Erase

General

The general settings allow you to configure the following:

- Scroll Timer - This option allows you to set the length of time the screen scrolls automatically when reading a message.

The available options are 1-5 seconds or Off. If the option is set to Off, you have to press the navigation key down to scroll through the message.

- Message Remind - This option allows you to set how often your phone alerts you that new messages are available. The available options are Off, Once, or Every 2 minutes.

To access the General settings:

1. Press  .
2. Press  for **Message**.
3. Press  for **MSG Setup**.
4. Press  for **General**.

New Message

The new message settings allow you to configure the following:

- Callback # - This option allows you to specify a callback number for the new message. By default, your phone number is entered.
- Autosave - Allows you to turn On or Off the ability to save a sent message to the sent folder in the outbox.
- Entry Method - This option allows you to set the default character entry mode between T9 and Alphabet.
- Delivery Ack - Allows you to turn On or Off the ability to request a delivery acknowledgment.
- Canned Message - Allows you to edit or change the 10 preset canned messages. For more information on canned messages, see “Canned Messages” on page 78.

Chapter 8 - Mobile Web

The following topics are discussed in this Chapter:

- Accessing the Web
- Soft Keys
- Navigating the Browser
- Web Prompt

Wireless Web

Your phone includes a web browser that allows you to display mobile enabled Internet sites. Mobile enabled websites are scaled down versions of the original to support your phone. Typically they contain information that is constantly updated.

Each time the web browser is started, the phone connects to the wireless web and the service icon ( ) is displayed on the screen. Anytime the service indicator is visible, you are connected to the wireless web. Your browser will automatically disconnect after a period of inactivity and reconnects if needed.

Note: You can quickly launch the browser by pressing the internet key ()located in the center of the navigation key.

Accessing the Web

To access the wireless web, you need to launch the web browser. If this is the first time the browser has been launched, you are required to go through a security setup procedure. Follow the on-screen prompts to complete the process.

Launching the Browser

1. Press 
2. Press  for **WirelessWeb**.
3. Press  for **Start Browser**.

Exiting the Browser

1. Press  to disconnect.

Softkeys

When you are connected to the wireless web, there is a solid bar displayed on the bottom of the LCD screen. The bar contains text that corresponds to navigation key on your phone. By pressing the navigation key left or right, you are able to navigate the web. Softkey functions change depending on the website being navigated.

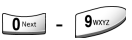
Navigating the Web Browser

Navigating inside the web browser is done by using the softkeys controlled by the navigation key. Additional keys are also assigned to common browser functionality. The browser presents content in one of the following ways:

- Text or Numeric
- Embedded Links
- Numbered Options
- Simple Text

Key Assignments

Key	Function
	Returns the browser to the home page from any screen.
 Up	Scrolls up and selects browser options.
 Down	Scrolls down and selects browser options.
 Left	Executes the softkey command located on the left side of the web bar located at the bottom of the screen.
 Right	Executes the softkey command located on the right side of the web bar located at the bottom of the screen.

	Opens the secondary options or a menu of secondary options.
	Used to go back one page in the browser if pressed once. If you press and hold, it returns you to the Home page. If entering characters, it acts the same as the phone. If pressed once and release, one character is deleted. If you press and hold, all characters are deleted.
	Confirms the highlighted item in the browser.
	Exits the browser and returns the phone to standby mode.
	If the items on the website are numbered, these keys can be used to quickly access the numbered choice.
	Allows you to scroll up or down the page and change the volume setting.

Web Guard

The web guard setting allows you to activate a web prompt when entering, exiting, or to display the prompt when doing both when using the web browser. This prompt keeps you from accidentally logging in or out of the web.

Activating Web Guard:

1. Press 
2. Press  for **WirelessWeb**.
3. Press  for **Web Guard**.
4. Press the navigation key left or right to select:
   - None - Deactivates web guard so no prompt is displayed when entering or exiting the browser.
   - Both - Activates the web guard to display a prompt when entering and exiting the browser.
   - To End - Activates the prompt only when exiting the browser.
   - To Start - Activates the prompt only when entering the browser.
5. Press  to **Save**.

Web Alerts

When a new web message is received, an info alert dialog box is displayed on the screen with the following options:

- View - Opens the web Inbox and allows you to view the web message.
- Clear - Press 

to close the info alert dialog box and read the message at a later time.

Chapter 9 - Tools

The following topics are discussed in this Chapter:

- Scheduler
- Today
- Task List
- Memo Pad
- Alarm
- Calculator
- World Time
- Countdown
- Set Time

Tools Menu

The Tools menu accesses the following features:

- Today - Displays all the events for the current day.
- Scheduler - Provides full calendar access and the ability to schedule events.
- Task List - Allows you to save a task list of important things to do.
- Memo Pad - Allows you to save memos or reminders.
- Alarm - Allows you to set an alarm for a desired time using the ringers or melodies saved in your phone.
- Calculator - Allows simple calculations to be performed using the keypad.
- World Time - Displays different time zone information for cities around the world.
- Countdown - Allows you to enter a desired length of time to countdown and then sound an alert when reached.
- Set Time - Allows you to set the time manually on the phone.

Scheduler

The scheduler function allows you to create events and to schedule an event alarm to sound using a standard calendar. The calendar can be displayed in a month, week, or day view on the display. You can view past months or future months using the navigation key.

Scheduling A New Event

1. Press  .
2. Press  for **Tools**.

3. Press 2 ABC for **Scheduler**.
4. Select the desired day by pressing the navigation key to the right.

Note: To change the month, press the volume key up or down.

5. Press M 2 ABC for **Add New**.
6. Enter the event using the keypad and press OK.
7. Enter the start time and date using the keypad and press the navigation key down.
8. Enter the end time and date. Select the desired Alarm if needed and press OK to **Save**.

Scheduling an Event for Today

You can save up to nine events for the current day using the Today feature. To schedule events for the current day:

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 1 for **Today**.
4. If there are no events scheduled, skip to the next step. If there is already an event scheduled for the day, press M 1 for **Add New**.
5. Enter the event using the keypad and press OK.
6. Enter the start time and date using the keypad and press the navigation key down.
7. Enter the end time and date. Select the desired Alarm if needed and press OK to **Save**.

Editing an Event for Today

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 1 for **Today**.
4. Select the desired event using the navigation key and press OK.
5. Press M 2 ABC for **Edit**.
6. Edit the event name and press OK.
7. Edit the start time and date and press the navigation key down.
8. Edit the end time and date. Edit the alarm if needed and press OK to **Save**.

Deleting an Event for Today

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 1 for **Today**.
4. Select the desired event and press M 2 ABC for **Erase**.

Note: To erase all events, press M 3 DEF.

5. Select Yes to confirm and press OK.

Editing a Scheduled Event

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 2 ABC for **Scheduler**.
4. Select the desired event date by using the volume and navigation keys.

5. Press M 1 to view the list of scheduled events for that date.
6. Select the desired event and press OK.
7. Press M 2 ABC for **Edit**.
8. Edit the event name and press OK.
9. Edit the start time and date and press the navigation key down.
10. Edit the end time and date. Edit the alarm if needed and press OK to **Save**.

Deleting a Scheduled Event

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 2 ABC for **Scheduler**.
4. Select the desired event date by using the volume and navigation keys.
5. Press M 1 to view the list of scheduled events for that date.
6. Press M 2 ABC for **Erase**.

Note: To erase all events, press M 3 DEF.

7. Select Yes and press OK to **Confirm**.

Task List

The task list allows you to create a list of items that need to be completed by a certain date and time. Each task can be assigned a priority level and deadline. When a task is completed, it can be deleted.

Creating a New Task

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 3 DEF for **Task List**.
4. If there are no tasks already saved, skip to the next step. If there are tasks already saved, press M 1 for **Add New**.
5. Enter the new task using the keypad and press OK.
6. Enter the time and date for the deadline. Press the navigation key down to select Priority.
7. Press the navigation key left or right to select the desired priority level. When finished, press OK to **Save**.

Deleting a Task

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 3 DEF for **Task List**.
4. Select the desired task and press and press M 2 ABC for **Erase**.

Note: To erase all tasks, press M 3 DEF.

5. Select Yes and press OK to **Confirm**.

Memo Pad

The memo pad allows you to save up to 10 different memos in your phone. Memo entries can contain up to 32 characters each.

Creating a New Memo

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 4 GHI for **Memo Pad**.
4. If there are no memos already saved, skip to the next step. If there are memos saved, press M 1 for **Add New**.
5. Enter the new memo using the keypad. When finished, press OK to **Save**.

Deleting a Memo

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 4 GHI for **Memo Pad**.
4. Select the desired memo and press M 2 ABC for **Erase**.

Note: To erase all memos, press M 3 DEF.

5. Select Yes and press OK to **Confirm**.

Alarm

The alarm allows you to enter a time for the alarm to sound. The alarm can be configured to sound only once or daily, depending on your needs. Up to three different alarms can be set to sound at their prescribed times.

Setting an Alarm

1. Press  .
2. Press  for **Tools**.
3. Press  for **Alarm**.
4. Press   or  to select an alarm.
5. Press the navigation key right or left to turn the alarm **ON**.
6. Press the navigation key down to enter the desired time.
7. Press the navigation key down and select **Simple**, **Melodies**, or **Downloaded**.
8. Press the navigation key down and then right or left to select the desired alarm ringer.
9. Press the navigation key down and then left or right to select **Once** or **Daily**.
10. Press  to **Save**.

Note: To stop an alarm after it goes off, press any key.

Calculator

The calculator allows you to perform simple calculations using your phone. Addition, subtraction, multiplication, and division can all be performed using the keypad. The following keys are used:

Key	Function
 Up	Enters the sign for Addition (+).
 Left	Enters the sign for Subtraction (-).
 Right	Enters the sign for Multiplication (x).
 Down	Enters the sign for Division (÷).
Asterisk (*)	Enters a point (.).
Pound (#)	Enters a positive or negative number sign (-/+).
	Enters the equal sign (=).
	Clears out the display or erases any mistakes.

Performing Calculations

1. Press  .
2. Press  for **Tools**.
3. Press  for **Calculator**.
4. Enter the first number of the calculation.
5. Press the navigation key to enter the desired calculation sign.
6. Enter the second number of the calculation.
7. Press  to see the results.

World Time

This feature allows you to check the Greenwich Mean Time (GMT) for major cities and oceans around the world. Press the navigation key to scroll through the list of available cities. Your local date and time are also displayed to allow the calculation between time zones.

World Time		
Cabo Verde	London	Rome, Paris, Berlin
Athens, Helsinki	Moscow	Abu Dhabi
Tashkent	Alma Ata	Bangkok, Jakarta
Hong Kong, Beijing	Seoul, Tokyo	Guam, Sydney
Okhotsk	Wellington, Aukland	Samoa, Midway
Honolulu, Hawaii	Alaska	LA, Vancouver
Denver, Calgary	Chicago, Winnipeg	NewYork, Toronto
Caracas, Halifax	Buenos Aires	Atlantic Ocean

To access world time:

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 7 PQRS for **World Time**.
4. Press the navigation key left or right to view choices.

Countdown

The countdown option allows you to enter a time and date for the phone to countdown. Days, hours, and minutes are displayed until the entered time and date is reached. Up to 10 countdown timers can be saved.

Creating a New Countdown Timer

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 8 TUV for **Countdown**.
4. If there are no timers saved, skip to the next step. If there are timers already saved, press M 1 for **Add New**.
5. Enter the timer name using the keypad and press OK.
6. Enter the countdown time/date and press OK.

Deleting a Countdown

1. Press M.
2. Press 6 MNO for **Tools**.
3. Press 8 TUV for **Countdown**.
4. Select the desired countdown timer and press M 2 ABC for **Erase**.

Note: To erase all memos, press M 3 DEF.

5. Select Yes and press OK to **Confirm**.

Set Time

This option allows you to manually set the time and date on the phone. To set the time and date:

1. Press  .
2. Press  for **Tools**.
3. Press  for **Set Time**.
4. Enter the time and date and press  to save.

Chapter 10 - Setup Menu

The following topics are discussed in this Chapter:

- Display Options
- Sound Options
- Network Options
- Security Options
- Other Settings

Setup Menu

The setup menu allows you to configure the look and feel of your phone. Several options are located in the setup menu. Settings include:

- Display
- Sounds
- Network
- Security
- Others

By customizing the settings located in the setup menu, you can personalize your phone to suit your needs.

Display

The display options allow you to configure all the different options that determine what is displayed on your LCD screen. The following options are available:

- Menu Style - Selects the desired menu style.
- Wallpaper - Selects the desired wallpaper to display in standby mode.
- Banner - Select the banner that displays in standby mode.
- Auto Hyphen - Automatically hyphenates numbers when you are dialing.
- Backlight - Allows you to set the length of time the backlight is On.
- Service LED - Allows you to turn the LED On or Off.
- Contrast - Adjust the contrast levels.

- Version - Displays the current hardware and software version loaded of your phone.

Menu Style

1. Press M.
2. Press 7 PQRS for **Setup**.
3. Press 1 for **Display**.
4. Press 1 for **Menu Style**.
5. Press the navigation key left or right to select **Nature** or **Camera**.
6. Press OK to **Save**.

Wallpaper

1. Press M.
2. Press 7 PQRS for **Setup**.
3. Press 1 for **Display**.
4. Press 2 ABC for **Wallpaper**.
5. Press:
   - 1 for Local Image
   - 2 ABC for Downloaded
6. Press the navigation key left or right to select the desired wallpaper.
7. Press OK to **Save**.

Banner

1. Press  .
2. Press  for **Setup**.
3. Press  for **Display**.
4. Press  for **Banner**.
5. Press and hold  to delete the entire message. Enter the new message using the keypad
6. Press  to **Save**.

Auto Hyphen

1. Press  .
2. Press  for **Setup**.
3. Press  for **Display**.
4. Press  for **Auto Hyphen**.
5. Press the navigation key up or down to select **On** or **Off**.
6. Press  to **Save**.

Backlight

1. Press  .
2. Press  for **Setup**.
3. Press  for **Display**.
4. Press  for **Backlight**.
5. Press the navigation key up or down to select:
   - Open
   - 30 seconds
   - 8 seconds
   - Off
6. Press  to **Save**.

Service LED

1. Press  .
2. Press  for **Setup**.
3. Press  for **Display**.
4. Press  for **Service LED**.
5. Press the navigation key up or down to select **On** or **Off**.
6. Press  to **Save**.

Contrast

1. Press  .
2. Press  for **Setup**.
3. Press  for **Display**.
4. Press  for **Contrast**.
5. Press the navigation key left or right to select the desired contrast level and press  .

Version

1. Press  .
2. Press  for **Setup**.
3. Press  for **Display**.
4. Press  for **Version**.
5. Press  to exit.

Sounds

The sounds setup menu allows you to configure the different sounds associated with your phone. Several functions have sound associated with them. The following sound options are available:

- Ringer Volume - Allows you to set the ringer volume for incoming calls.
- Ringer Type - Allows you to select the desired ringer for incoming calls.
- Alerts - Allows you to select the desired ringer for alerts.
- Roam Ringer - Allows you to select a normal or distinctive ringer for incoming roaming calls.
- Key Beep - Allows you to set the key beep volume.
- Tone Length - Allows you to select long or short tone lengths.
- Power On/Off - Allows you to turn On or Off the sound when the phone is powered on or off.

Ringer Volume

1. Press  .
2. Press  for **Setup**.
3. Press  for **Sounds**.
4. Press  for **Ringer Volume**.
5. Press:
   -  for Calls
   -  for Messages
   -  for Alarm
6. Press the navigation key left or right to select:
   - Off
   - Vibrate
   - 1-Beep
   - Level 1-8
   - High + Vib
7. Press  to **Save**.

Ringer Type

1. Press  .
2. Press  for **Setup**.
3. Press  for **Sounds**.
4. Press  for **Ringer Type**.
5. Press:
   -  for Voice Calls
   -  for Messages
   - for Data/Fax In
   -  for Schedule
6. Select the desired ringer and press to **Save**.

Note: If Voice Calls or Messages are selected, there are additional menu choices associated with the function. A ringer type can be selected for each one of the additional options.

Alerts

1. Press .
2. Press for **Setup**.
3. Press for **Sounds**.
4. Press for **Alerts**.
5. Press:
   - for Minute Beep
   - for Service
   - for Connect

- 4 GHI for Disconnect

6. Press the navigation key up or down to select:
   - On
   - Off
7. Press OK to **Save**.

Roam Ringer

1. Press M.
2. Press 7 PQRS for **Setup**.
3. Press 2 ABC for **Sounds**.
4. Press 4 GHI for **Roam Ringer**.
5. Press the navigation key up or down to select:
   - Distinctive
   - Normal
6. Press OK to **Save**.

Key Beep

1. Press M.
2. Press 7 PQRS for **Setup**.
3. Press 2 ABC for **Sounds**.
4. Press 5 JKL for **Key Beep**.
5. Press the navigation key left or right to select:
   - Off
   - Level 1-8
6. Press OK to **Save**.

Tone Length

1. Press  .
2. Press  for **Setup**.
3. Press  for **Sounds**.
4. Press  for **Tone Length**.
5. Press the navigation key up or down to select:
   - Long
   - Short
6. Press  to **Save**.

Power On/Off

1. Press  .
2. Press  for **Setup**.
3. Press for **Sounds**.
4. Press  for **Power On/Off**.
5. Press the navigation key up or down to select:
   - On
   - Off
6. Press  to **Save**.

Network

The network option allows you to configure roaming options, call guard, and the options specific to the carriers network. The following network options are available:

- Set Mode
- Set NAM
- Call Guard

Set Mode

The set mode menu allows you to select between the following options:

- Automatic - This option automatically switches between digital and roaming service. If you are not in your coverage area, it automatically switches to roaming.
- Home Only - This option only uses digital coverage inside your coverage area. If you are outside the coverage area, it does not switch to roaming.

To select the desired mode:

1. Press  .
2. Press  for **Setup**.
3. Press  for **Network**.
4. Press  for **Set Mode**.
5. Press the navigation key left or right to select the desired choice and press  to Save.

Set NAM

The set NAM (Numerical Assignment Module) option gives you the ability to have two different phone numbers on the same phone. To switch between phone numbers, select either NAM 1 or NAM 2.

To select the desired NAM:

1. Press  .
2. Press  for **Setup**.
3. Press  for **Network**.
4. Press  for **Set NAM**.
5. Press the navigation key up or down to select:
   - NAM 1
   - NAM 2
6. Press  to Save.

Call Guard

The call guard option requires an extra step before dialing a number when roaming. This keep you from accidentally making a phone call while not in your coverage area. When call guard is active, a warning message is displayed on your phone and you must press 1 to continue.

To activate the call guard option:

1. Press M.
2. Press 7 PQRS for **Setup**.
3. Press 3 DEF for **Network**.
4. Press 3 DEF for **Call Guard**.
5. Press the navigation key up or down to select:
   - Yes
   - No
6. Press OK to **Save**.

Security

The security menu has several options designed to protect the phone against unauthorized usage. You can erase your phonebook and set up call restrictions using the options found in the security menu. Other options include the ability to lock your phone, which requires a lock code to be entered before it can be used. The following security options are available:

- Lock Phone - Allows you to lock and unlock the phone, and also set the phone to lock on power up. When the phone is locked, a lock code is required before it can be used.
- Restriction - Allows you to set a restriction on what calls can be made from the phone. The available options are Restrict All, Pbook only, special #s, and Off. If the restriction option is set and the user attempts to dial a number a warning message is displayed.
- Change Lock - Allows you to change the lock code required to access the security menu.
- Special #s - Allows you to enter the special numbers. Up to three special numbers can be saved in your phone. These numbers are usually set up to be emergency numbers.
- Erase Pbook - Allows you to delete your phonebook.
- Reset Phone - Allows you to reset the phone to the factory installed defaults. If this option is used, all data is erased.

Lock Phone

1. Press  .
2. Press 7 PQRS for **Setup**.
3. Press 4 GHI for **Security** and enter your lock code.

Note: You lock code is usually the last four digits of your phone number. If not, contact you service provider to get the correct lock code.

4. Press 1 for **Lock Phone**.
5. Press the navigation key up or down to select:
   - Unlocked
   - On Power-Up
   - Lock Now
6. Press OK to **Save**.

Restriction

1. Press .
2. Press 7 PQRS for **Setup**.
3. Press 4 GHI for **Security** and enter your lock code.
4. Press 2 ABC for **Restriction**.
5. Press the navigation key up or down to select:
   - Restrict All
   - PBook Only
   - Special #s
   - Off
6. Press OK to **Save**.

Change Lock

1. Press  .
2. Press  for **Setup**.
3. Press  for **Security** and enter your lock code.
4. Press  for **Change Lock**.
5. Enter the new lock code.
6. Re-enter the new lock code to confirm and press  to Save.

Special #s

1. Press .
2. Press for **Setup**.
3. Press for **Security** and enter your lock code.
4. Press for **Special #s**.
5. Press   or  .
6. Press and hold  to erase the entry or press  once to delete one character at a time.
7. Enter the new number using the keypad.
8. Press  to **Save**.

Erase Pbook

1. Press  .
2. Press  for **Setup**.
3. Press  for **Security** and enter your lock code.
4. Press  for **Erase Pbook**.
5. Press the navigation key up or down to select:
   - Yes
   - No
6. Press  .

Reset Phone

1. Press  .
2. Press  for **Setup**.
3. Press  for **Security** and enter your lock code.
4. Press  for **Reset Phone**.
5. Press the navigation key up or down to select:
   - Yes
   - No
6. Press  .

Other Settings

The other settings menu allows you to configure the following options:

- Launch Pad - Allows you to designate which application to launch when pressing the navigation key left, right, up, or down in standby mode.
- Answer Mode - Allows you to configure how a call is answered.
- Auto Answer - This feature is only used with the optional hands free car-kit.
- Language - Allows you to select the desired language setting.

Launch Pad

1. Press  .
2. Press  for **Setup**.
3. Press  for **Others**
4. Press  for **Launch Pad**.
5. Press:
   -  for the Navigation Up key.
   -  for the Navigation Down key.
   -  for the Navigation Right key.
   -  for the Navigation Left key.
6. Press:
   -  for PbookSearch
   -  for VoiceDial

- 3 DEF for Calculator
- 4 GHI for Scheduler
- 5 JKL for RingerType
- 6 MNO for Worldtime
- 7 PQRS for Display
- 8 TUV for Alarm

Answer Mode

1. Press MENU.
2. Press 7 PQRS for **Setup**.
3. Press 5 JKL for **Others**
4. Press 2 ABC for **Answer Mode**.
5. Press the navigation key up to select:
   - Any Key
   - Flip Open
   - Send Key
6. Press OK to **Save**.

Auto Answer

Note: This option is only available for the optional hands free car-kit accessory.

1. Press  .
2. Press  for **Setup**.
3. Press  for **Others**
4. Press  for **Auto Answer**.
5. Press the navigation key left or right to select:
   - Car Kit Only - No
   - Car Kit Only - Yes
6. Press  to **Save**.

Language

1. Press  .
2. Press  for **Setup**.
3. Press  for **Others**
4. Press  for **Language**.
5. Press the navigation key up to select:
   - English
   - Français
6. Press  to **Save.**

Chapter 11 - Safety and Warranty

The following topics are discussed in this Chapter:

- Safety Information
- Warranty

Safety Information

Battery Precautions

Your phone is powered by a rechargeable Li-ion standard battery. The read the following cautions concerning the battery:

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If your phone has a strong signal, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time, including talk time and standby time, is noticeably shorter than normal, it is time to purchase a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a 7 days, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery. The battery may require cooling or warming before charging.
- Do not leave the battery in hot or cold places, such as in a car. It will reduce the capacity and life-time of the battery.

- Always try to keep the battery at room temperature. A phone with a hot or cold battery may not work correctly, even if the battery is fully charged. Lilon batteries are sensitive to temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short circuiting can occur when a metallic object (coin, clip, or pen) causes a direct connection between the positive and negative terminals of the battery.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold. When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an extra layer of convenience and safety to your wireless phone with one of the many hands-free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a To Do list or flipping through your phonebook takes your attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make the people with whom you are talking aware that you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial the emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see a car accident, crime in progress or other

serious emergency where lives are in danger, call the emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or any other special non-emergency wireless number.

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products. As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the

RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is

adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially Explosive Atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch off the phone while at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress. Areas with a potentially explosive

atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and land line networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers. If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication

at the scene of an accident; do not cut off the call until given permission to do so.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch off your phone before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and is illegal.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty

obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and water solution.

Warranty

STANDARD LIMITED WARRANTY

What is Covered and For How Long?
SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case/Pouch	1 Year
Holster	1 Year
Other Phone Accessories	1 Year

What is Not Covered?
This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or

damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations?
During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-

888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/ replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are the Limits On SAMSUNG's Liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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·WARRANTIES OF TITLE OR NON-INFRINGEMENT;

·DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;

·THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR

·COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of

SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, L.P.

1130 East Arapaho Road

Richardson, Texas 75081

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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Specifications and availability subject to change without notice.

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